

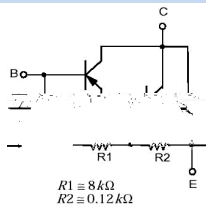
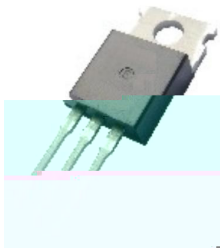
WR0553 M M E SQS æ M y s ll 1 Silicon PNP transistor in a TO-220 Plastic Package.

g || 0 ^ m || \$ \omega^\pi \quad \vee_{[OBJ]} \text{د} \quad گَی \quad ' \quad \mathbb{L} \quad \sqcup \quad ` \quad \succ \quad \mathfrak{L} \quad \text{WLS475W} \quad \mathfrak{M}

Monolithic construction with built in base-emitter shunt resistors, High DC current gain complement to TIP142T.

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Linear and switching industrial equipment.

PIN1 χ BasePIN 2 χ Collector

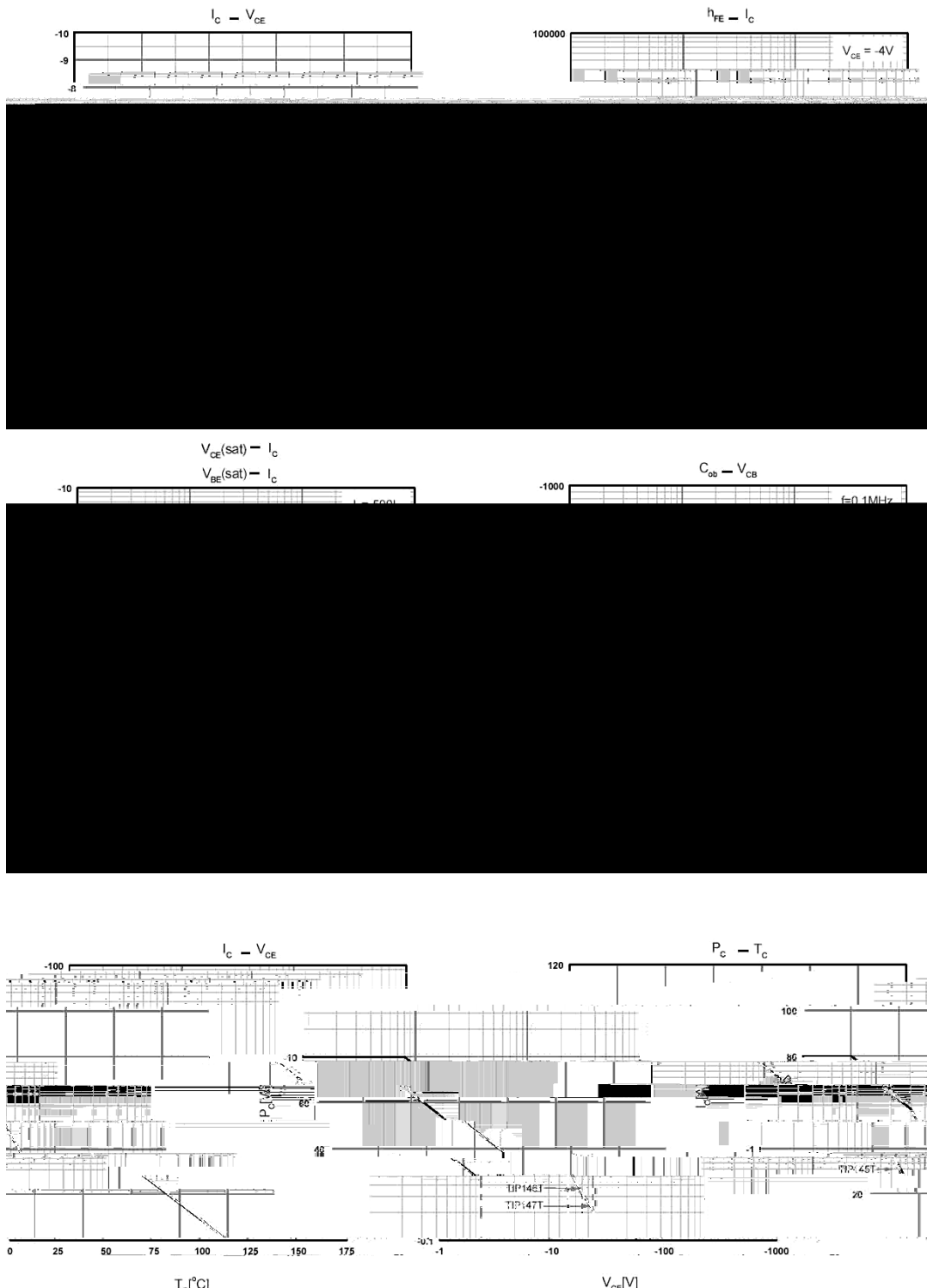
χ Emitter

PI7T3

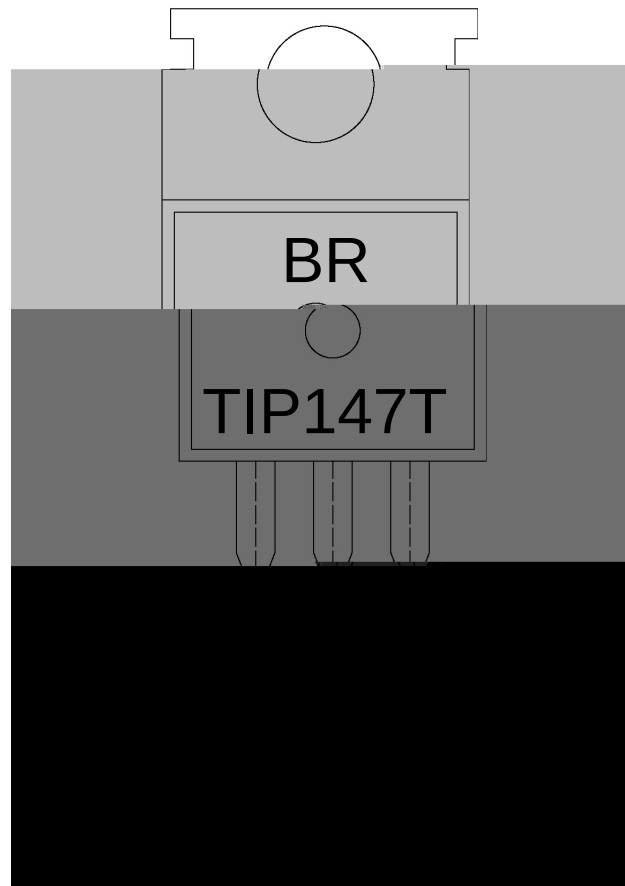
♫ M ♪ ♫ " See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-100	V
Collector to Emitter Voltage	V_{CEO}	-100	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-10	A
Peak Collector Current	I_{CP}	-15	A
Base Current - Continuous	I_B	-0.5	A
Collector Power Dissipation	$P_C(T_C=25^\circ\text{C})$	80	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 ~ 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=-30\text{mA}$ $I_B=0$	-100			V
Collector Cut-Off Current	I_{CEO}	$V_{CE}=-50\text{V}$ $I_B=0$			-2.0	mA
Collector Cut-Off Current	I_{CBO}	$V_{CB}=-100\text{V}$ $I_E=0$			-1.0	mA
Emitter Cut-Off Current	I_{EBO}	$V_{EB}=-5.0\text{V}$ $I_C=0$			-2.0	mA
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-4.0\text{V}$ $I_C=-5.0\text{A}$	1000			
	$h_{FE(2)}$	$V_{CE}=-4.0\text{V}$ $I_C=-10\text{A}$	500			
Collector to Emitter Saturation Voltage	$V_{CE(sat)(1)}$	$I_C=-5.0\text{A}$ $I_B=-10\text{mA}$			-2.0	V
	$V_{CE(sat)(2)}$	$I_C=-10\text{A}$ $I_B=-40\text{mA}$			-3.0	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C=-10\text{A}$ $I_B=-40\text{mA}$			-3.5	V
Base to Emitter Voltage	V_{BE}	$V_{CE}=-4.0\text{V}$ $I_C=-10\text{A}$			-3.0	V
Delay Time	t_D	$V_{CC}=-3\text{V}$ $I_C=-5\text{A}$ $I_{B1}=-20\text{mA}$ $I_{B2}=20\text{mA}$ $R_L=6\Omega$		0.15		μs
Rise Time	t_R			0.55		μs
Storage Time	t_{STG}			2.5		μs
Fall Time	t_F			2.5		μs







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EU χ

WLS47:W χ

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Note:

BR:

TIP147T:

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$$H \quad f \quad \beta \quad \mathfrak{Z} \quad N$$
$$\mathbb{H} \cdot f \check{\eta}^N \Gamma_D \quad \quad \quad \mathbb{I} \cdot f \check{\eta}^N \Psi \rho$$

Company Code

Product Type.

Lot No. Code, code change with Lot No.

